

the Pumping System of Irrigation

By R. Bedichek, Deming, N. M.

any particular confined to the pumping. Pre-extends under the but at such depths unprofitable. For ten valley there are under which the wa- an economic lift. In of water, but either the water-bearing strata or of the surface places the area of profitable

such outlying districts of are being constantly en- upon by the irrigator. When fuel is discovered. It in- the distance which water may ed profitably. When there is improvement made in an engine enables it to generate same amount of power less cost, a greater lift of is possible, and hence a wider area is available for farming. When- ever new economies are effected in the generation or distribution of electrical power, the profitable lift for water in a given section is proportionately in- creased and the pumping area enlarged. In short, the cheapening of fuel, the increasing of the efficiency of irriga- tion pumps or engines, any inven- tions which lessens the cost or in- creases the convenience of pumping installations, or reduces the price of power, widens the area of profitable lift, renders vast natural wealth eco- nomically accessible and opens a larger market for the manufacturer of pump- ing machinery. Similarly, the discov- ery that some high priced product is adapted to a certain pumping region increases the area of profitable lift by reason of enhancing the value of an acre-foot of water applied to irriga- tion.

wasted. In many parts of the west the old, wasteful methods still prevail, al- though the value of water has in- creased many fold. When irrigators in the San Joaquin valley of California first began to apply water on what had formerly been dry farmed grain lands, they frequently used over nine feet. Now about one-third of this amount is considered ample. The water users of Greeley and neighboring districts in Col- orado used to think that their crops would burn up unless they had a miner's inch of water to the acre. Now they are raising crops on the same ground that are worth about four times as much with one-fourth of the water formerly used. They are learn- ing that cultivation takes the place of irrigation to a great extent.

In the Mimbres valley the area of profitable lift has been placed at 100- 000 acres, while it is known that the same water supply extends under a much larger area where the pumping depth is so great as to prohibit pump- ing water for irrigation at the present time with the devices which are now in use. It is quite conceivable, how- ever, that as fuel gets cheaper, as more and more efficient devices for raising water are invented and put into use, as a more economic distribution of the water is effected, as higher and higher priced crops are discovered to be adapted to this region, greater and greater lifts for water will be profit- able and the irrigator will push out into wider and wider areas. Thus any cal- culation of the ultimate population and wealth of the Mimbres valley would be erroneous which took as a basis the area of profitable lift as it is at the present time. Such a calculation must include a much wider scope of valley land, as the above mentioned economies are directly in line with the general development of the pumping system for irrigation.

DAILY RECORD.

Deeds Filed.

Altura Realty Co. to W. T. Downing, lots 42 to 53, both inclusive, block 4, Altura park. Consideration \$2,150. Oct. 21, 1911. W. T. Downing to J. L. Hewitt and Fred A. Hewitt, this prop- erty. Consideration \$2,150. Nov. 1, 1911.

Alberto Rodriguez and wife to Laura Aguirre, lot 23 and easterly 16 feet 8 inches lot 24, block 26 Grandview ad- dition. Consideration \$1,375. Nov. 1, 1911.

Licensed to Wed.

Augustine Rivas and Pilar Martinez, Mimbres, Boys.

To Mrs. Marcelino Rivas, 509 Florence street, March 25.

To Mrs. Gregorio Layta, Courchesne Ranch, March 25.

To Mrs. Canuto Campa, 512 First street, March 25.

If you want special advice, write to Lydia E. Plankham Medicine Co. (confi- dential) Lynn, Mass. Your letter will be opened, read and answered by a woman and held in strict confidence.

IN SAD MEMORY.
(From Judge.)
"Hello, old man! How's business?
"Sh! Take off your hat when you speak of the dead."

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Little Vineyards Company's superb tracts with water developed going fast. Buy while you can, before the price goes up. Your own terms—\$150 per acre. Choicest property, developed or undeveloped, in the vicinity of Deming. One year's crop makes the price of the land. If you want a country home, if you want to become independent, get in good health or stay in good health, have all the conveniences of the city without the disadvantages, you can't afford not to investigate Little Vineyards tracts.

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Is to sell Shoes that are so good and that fit so well that everybody who tries one pair will want another. That's why we sell WALK-OVER Shoes and fit



them in the Walk-Over way—to exact foot measurement. We suggest that you try the Walk-Over way just once. You won't need to be asked a second time.

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Walk-Over Boot Shop

214 San Antonio Street

Contentment and Superstition and a New Gospel Just Learned

By MARY CHAMPION.

The other day I learnt a new gospel. I was presenting my photo- graph to a friend and he disap- pointed me by picking out a position I much disliked. I demurred at his choice, saying that I looked so smugly self-satisfied.

He looked across at me with wide- opened eyes. "But why shouldn't you be satisfied?" he asked with emphasis. This seemed to me to open up quite an interesting range of thought, so we settled down to talk the matter out. Smugness we both abhorred, that was one point settled, but satisfaction, my friend maintained, was something very different.

Surely it is better to be satisfied that you are just as good and no worse, than to be so possessed with the "mis- erable stinner" frame of mind as to mis- erable effort and depress the outlook.

Being satisfied that we have striven and met with some slight measure of success is very far removed, dear readers, from the attitude of the Phar- isee who thanked God that he was not as other men were.

We are not, in this sense, concerned with others, and we make no compar- isons. We are thankful that we have succeeded even so far—that, in spite of stumblings, we are conscious that we maintain our stand, and we take fresh heart to go forward.

We take "the glory of going on" with a courageous gaiety of mind. Is it not an insult to our Maker to be forever depreciating ourselves? Have you thought of the question from that point of view?

This, you consider it fairly, is a pleasant gospel of content—a con- tent that means to make for still greater happiness or satisfaction in the future, and a content, believe me, that has nothing whatever to do with empty vanity or self-conceit.

We are not all, by any means, as brave as king Alfonso of Spain, who, when he was inspecting the relics at the cathedral of Oviedo, was told that a certain small casket must not be touched, for anyone opening it would die immediately. "Very well," was the young Alfonso's gay response, "I will open it!"

Many of us have little cheerful su- perstitions which we regard almost with affection.

A girl I know has met with luck, more than once, upon her birthday. She gained a post which widened her career and brightened her outlook in many ways, bringing her within the joys of affectionate and loyal friend- ship—and the decisive wire on that

occasion reached her on her birthday, much later on a change became nec- essary, and she made application for another post, more lucrative and bring- ing with it even more congenial work. This girl had a mother whom she idolized, who was more to her than life itself. Imagine, then, her joy when she was summoned to the first interview in connection with that new post, upon her mother's birthday!

Fortune, she felt, was smiling once more. And what delight, when the much longed for post was hers, to tell that dear mother, lying weak and ill in the bedroom where her days are passed (for she is one of the dear in- valids who sweeten life for the fight- ers), of the summons that came on the dear one's birthday, and to exult over this pretty coincidence.

A friend of mine treasures a name that has brought him luck through life. It was the surname of the man who "gave him his first job." At every step towards advancement there has been some man in power of the same name, and what makes the superstition dearest of all, it was his wife's name before she took his.

I am not preaching fatalism, far from it. The girl I have mentioned did not say, "Oh, I'm sure to get it because of that lucky birthday." She strove her hardest, and when there were complica- tions she concentrated her mind, and found the best way of overcoming them and, indeed, just firmly grasped one of the spokes of fortune's wheel and gave it a good push round.

The man didn't say "that is my lucky name again, so I'm all right!" He showed what he was made of, gave proof of what he could do, and waited results.

Let us cherish our cheerful superstitions by all means, but let us remember always that the real secret that brings the best of luck is to be ever "up and doing, with a heart for any fate."

MATERIAL RECEIVED FOR NEW BRIDGE AT DUNCAN

Duncan, Ariz., March 26.—Material for construction of the bridge across the Gila river at this place has com- menced to arrive. It is expected that work will start about the first of April.

George Sloan and Irvine Phillips are in from Apache Box mines.

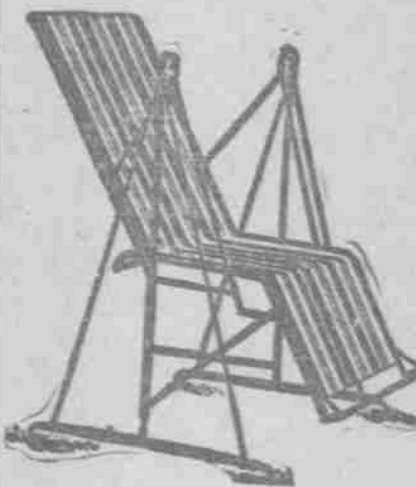
A. A. Anderson, of San Diego, Cal., formerly sheriff of Graham county, which then included Greenlee, is visit- ing friends here for a few days. Mr. Anderson was twice elected sheriff on the Republican ticket in county over- whelmingly Democratic. He has prop- erty in this county and will probably return here.

Jim and Alex. Fraser are here from the Twin Peaks mine. They report great activity in that district, and that the recent Greenlee and Grant coun- ties boundary survey made very little, if any, change from the old Arizona and New Mexico line.

Capt. R. R. Lannan, cashier of the Bank of Duncan, who has been in Phoenix on business in connection with the national guard, has returned home.

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